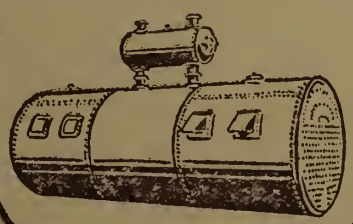
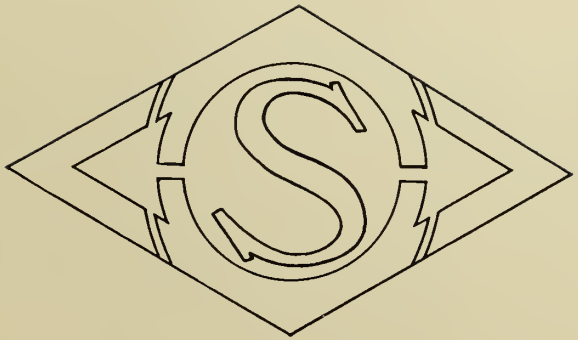
JOHN SIMMONS COMPANY

MULTI-TUBULAR BOILERS

EXPORT DEPT. 104-110 CENTRE ST



NEW YORK, U. S. A.



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JOHN SIMMONS Co.

MALLEABLE, CAST IRON AND BRASS FITTINGS
VALVES COCKS AND HYDRANTS
PLUMBING SUPPLIES

WROUGHT STEEL AND COPPER PIPE
BOILER TUBES AND CASING
PLANTATION EQUIPMENT

102 - 110 Centre St.
NEW YORK, U.S.A.

p37448

John Simmons Company

MANUFACTURERS

Boilers,
Steel Tanks,
Steel Plate Construction,

Flanged Pipe,
Fittings,
Valves

Sugar Machinery

1912

HORIZONTAL TUBULAR BOILERS FOR HIGH PRESSURE DUTY

General Description

THESE boilers are designed for a working pressure of 100 and 150 pounds, with factor of safety of five.

The shells are made in three equal courses, one plate to each course. The longitudinal seams are arranged to come well above the fire line, in the upper quarter of the boiler shell and to break joints in the different courses.

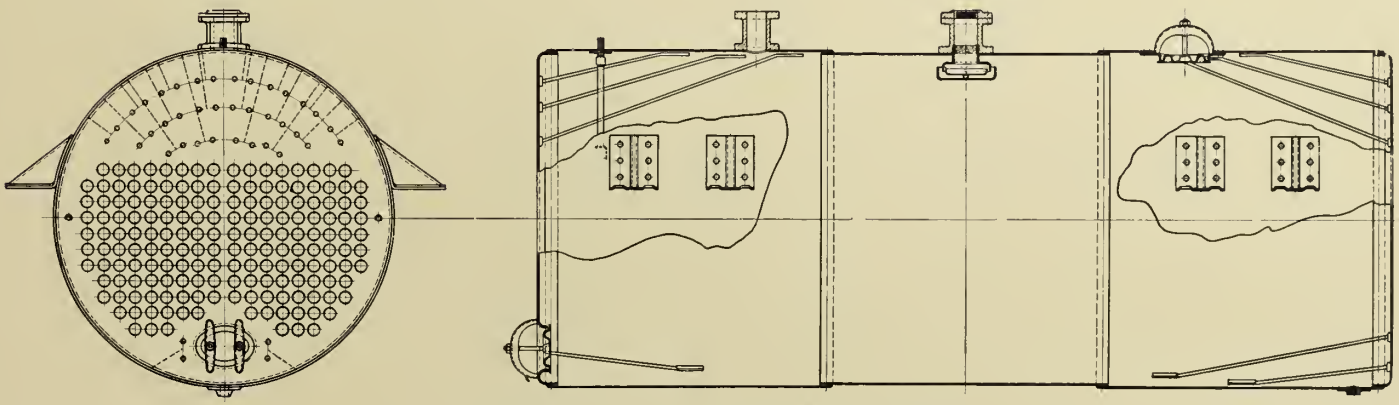
The longitudinal seams are double butt strapped with three rows of rivets each side of the joint; the girth seams are single lap rivited; size and spacing of all rivits is designed to give the maximum efficiency to the joint.

Tubes are of the best American lap-welded quality, set in horizontal and vertical rows, spaced according to the best modern practice. The tubes are expanded into the heads at each end and neatly beaded over.

The heads of boilers, above and below the tubes, are braced with weldless steel crow-foot braces set to bear equal tension and secured at each end by two rivets.

All plates are of openhearth homogeneous flange quality. The design and workmanship throughout are according to the best modern boiler shop practice. Each boiler is subjected to a test pressure of one and one-half times the working pressure and made perfectly tight under this test. A thorough and rigid inspection is made of all parts before they enter into the boiler, and the workmanship is under inspection at all times during its construction.

STANDARD HORIZONTAL TUBULAR BOILERS



CLASS "A" WITHOUT DOME

Furnished with pressed steel lugs, either fixed or detachable, or with loop hangers and the usual flanged nozzles and re-enforced openings for steam blow-off and feed. Manholes are provided in shell and head.

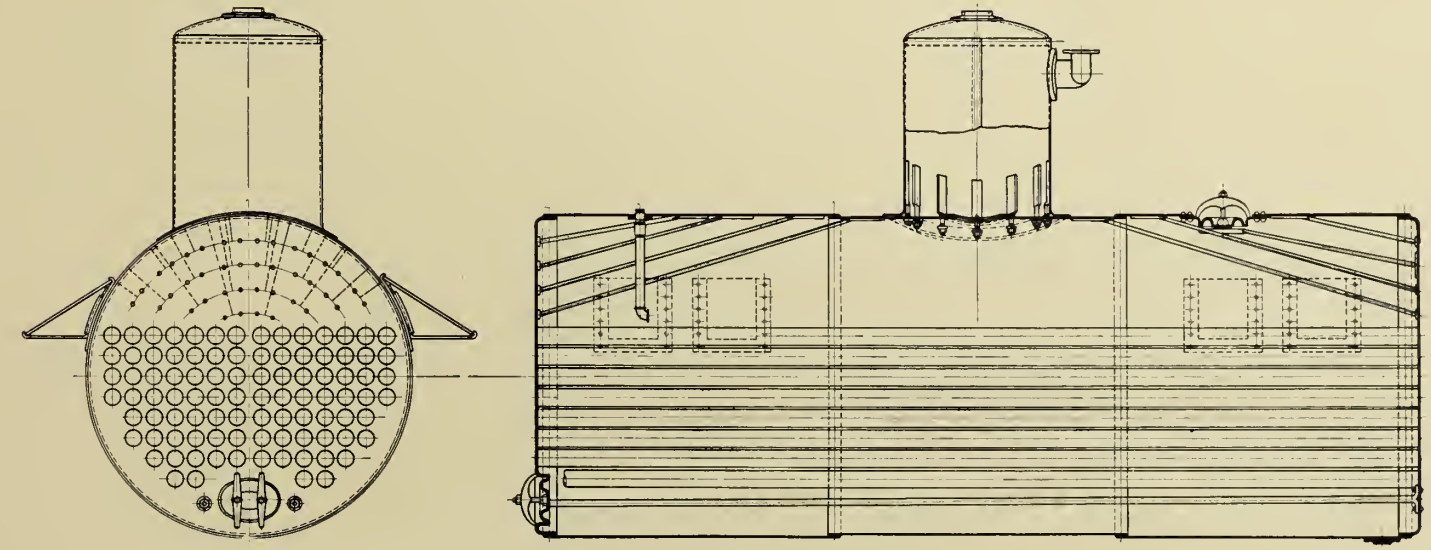
SEE PAGE 6 FOR DETAILED SPECIFICATIONS

HORIZONTAL TUBULAR BOILERS, CLASS "A" FOR 100 AND 150 LBS. WORKING PRESSURE

Horse Power, as usually rated		175	200	200	225	275	300	325	350	350	375
Heating Surface	in sq. feet	1925	2125	2100	2330	2925	3310	3550	3895	3725	4085
Diameter of Boiler	inches	78	78	84	84	90	90	96	96	108	108
Length of Boiler	feet	18	20	18	20	20	22	20	22	20	22
Number of Tubes		94	94	102	102	130	130	160	160	166	166
Diameter of Tubes	inches	4	4	4	4	4	4	4	4	4	4
Thickness of Plates in inches, for 100 lbs. Pressure	Boiler Shell	7/16	7/16	1/2	1/2	1/2	1/2	9/16	9/16	5/8	5/8
	" Head	9/16	9/16	5/8	5/8	5/8	5/8	3/4	3/4	7/8	7/8
Thickness of Plates in inches, for 150 lbs. Pressure	Boiler Shell	5/8	5/8	11/16	11/16	3/4	3/4	13/16	13/16	7/8	7/8
	" Head	3/4	3/4	3/4	3/4	13/16	13/16	7/8	7/8	1	1
Size of Steam Outlet	inches	6	6	6	6	8	8	8	8	10	10
Size of Blow off	"	2½	2½	2½	2½	3	3	3	3	3	3
Size of Feed	"	2	2	2	2	2½	2½	2½	2½	2½	2½
Weight of Tubes	pounds	9400	10340	10200	11220	14300	15730	17600	19360	18260	20080
Weight of Boiler less tubes 100 lbs. Working Pressure	pounds	11700	12600	14500	15700	16400	17500	19800	21100	28800	30800
Weight of Boiler less tubes 150 lbs. Working Pressure	pounds	17300	18500	20000	21500	24100	25800	28200	30100	39300	42200

FOR ILLUSTRATION CLASS "A" BOILER SEE PAGE 5

STANDARD HORIZONTAL TUBULAR BOILERS



CLASS "B" WITH DOME

Furnished with pressed steel lugs, either fixed or detachable, or with loop hangers and the usual flanged nozzles and re-enforced openings for steam, blow-off and feed. Manholes are provided in shell and head.

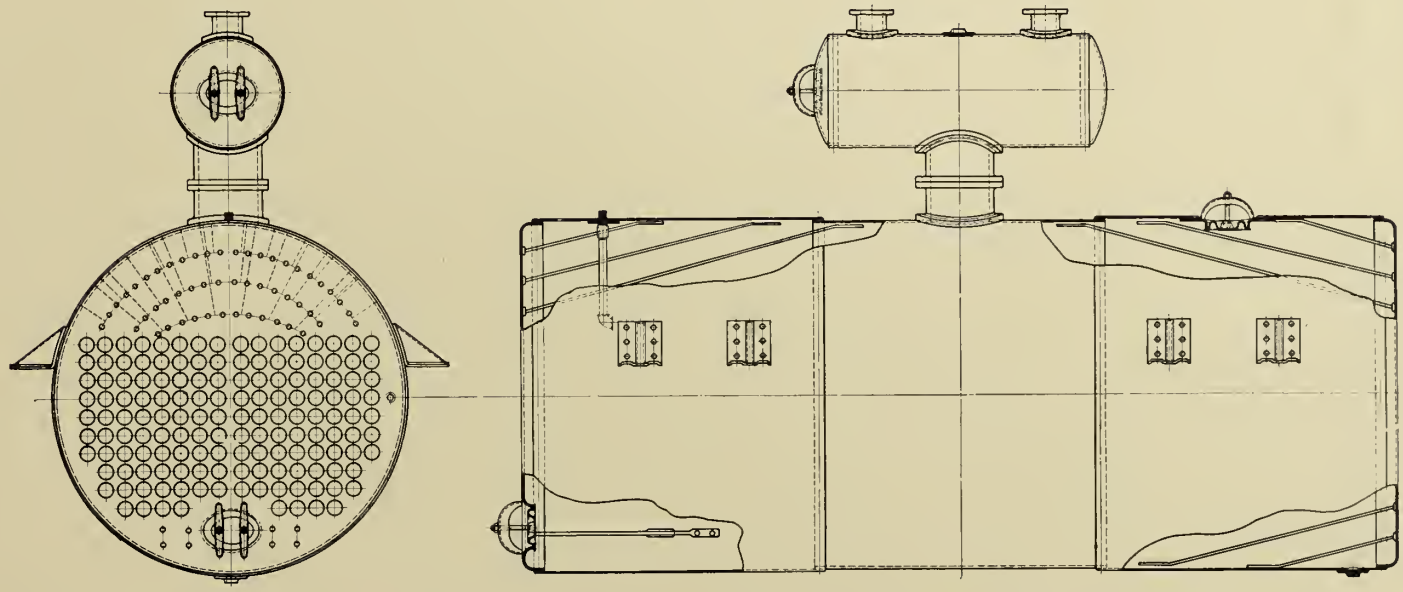
SEE PAGE 8 FOR DETAILED SPECIFICATIONS

HORIZONTAL TUBULAR BOILERS, CLASS "B" FOR 100 AND 150 LBS. WORKING PRESSURE

Horse Power, as usually rated		175	200	200	225	275	300	325	350	350	375
Heating Surface	sq. feet	1925	2125	2100	2330	2925	3310	3550	3895	3725	4085
Diameter of Boiler	inches	78	78	84	84	90	90	96	96	108	108
Length of Boiler	feet	18	20	18	20	20	22	20	22	20	22
Number of Tubes		94	94	102	102	130	130	160	160	166	166
Diameter of Tubes	inches	4	4	4	4	4	4	4	4	4	4
Diameter of Dome	"	36	36	36	36	42	42	42	42	48	48
Height of Dome	"	40	40	40	40	46	46	46	46	48	48
Thickness of Plates in inches, for 100 lbs. Working Pressure	Boiler Shell	7/16	7/16	1/2	1/2	1/2	1/2	9/16	9/16	5/8	5/8
	" Heads	9/16	9/16	5/8	5/8	5/8	5/8	3/4	3/4	7/8	7/8
	Dome Shell	5/16	5/16	5/16	5/16	3/8	3/8	3/8	3/8	7/16	7/16
	" Head	3/8	3/8	3/8	3/8	7/16	7/16	7/16	7/16	1/2	1/2
Thickness of Plates in inches, for 150 lbs. Working Pressure	Boiler Shell	5/8	5/8	11/16	11/16	3/4	3/4	13/16	13/16	7/8	7/8
	" Heads	3/4	3/4	3/4	3/4	13/16	13/16	7/8	7/8	1	1
	Dome Shell	3/8	3/8	3/8	3/8	7/16	7/16	7/16	7/16	1/2	1/2
	" Head	1/2	1/2	1/2	1/2	9/16	9/16	9/16	9/16	5/8	5/8
Size of Steam Outlet	inches	6	6	6	6	8	8	8	8	10	10
Size of Blow off	"	2½	2½	2½	2½	3	3	3	3	3	3
Size of Feed	"	2	2	2	2	2½	2½	2½	2½	2½	2½
Weight of Tubes	pounds	9400	10340	10200	11220	14300	15730	17600	19360	18260	20080
Weight of Boiler less tubes 100 lbs. Working Pressure	pounds	12400	13200	15400	16500	17500	18700	21200	22500	30500	32700
Weight of Boiler less tubes 150 lbs. Working Pressure	pounds	18200	19400	20800	22400	25500	27200	29400	31500	41000	43900

FOR ILLUSTRATION CLASS "B" BOILERS SEE PAGE 7

STANDARD HORIZONTAL TUBULAR BOILERS



CLASS "C" WITH STEAM DRUM AND SINGLE NOZZLE CONNECTION

Furnished with pressed steel lugs, either fixed or detachable or with loop hangers and the usual flanged nozzles and re-enforced openings for steam blow-off and feed. Manholes are provided in shell and head.

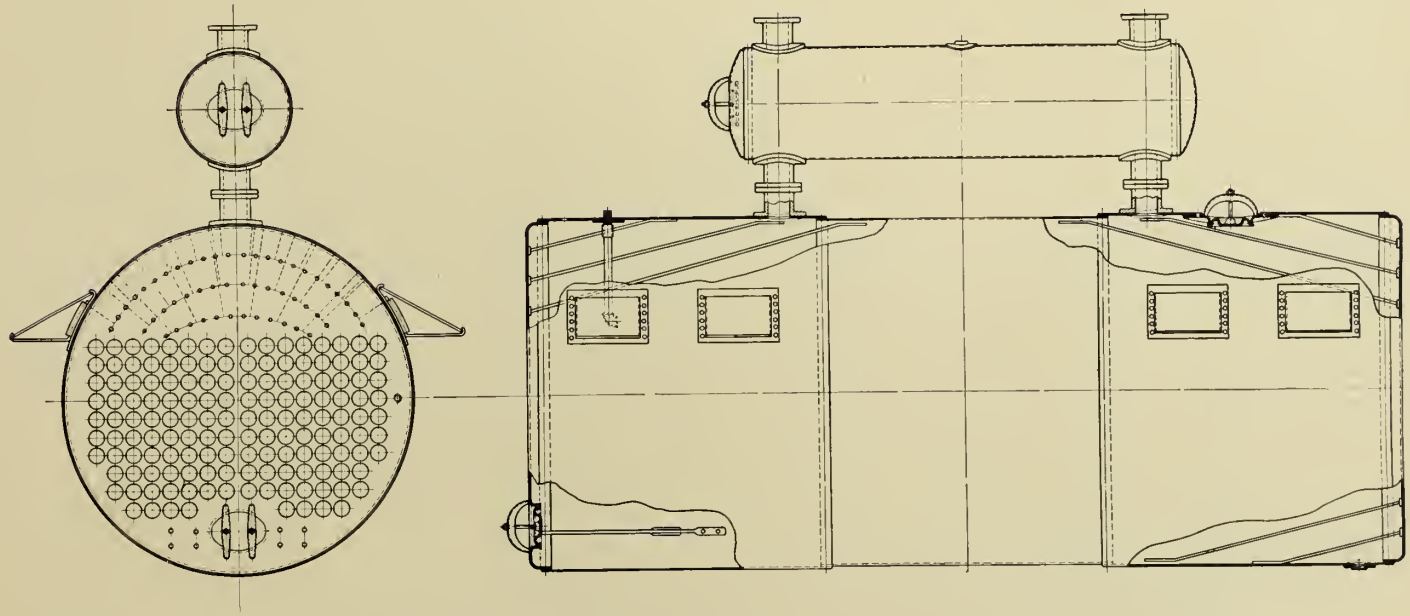
SEE PAGE 10 FOR DETAILED SPECIFICATIONS

HORIZONTAL TUBULAR BOILERS, CLASS "C" FOR 100 AND 150 LBS. WORKING PRESSURE

Horse Power, as usually rated		175	200	200	225	275	300	325	350	350	375
Heating Surface	sq. feet	1925	2125	2100	2330	2925	3310	3550	3895	3725	4085
Diameter of Boiler	inches	78	78	84	84	90	90	96	96	108	108
Length of Boiler	feet	18	20	18	20	20	22	20	22	20	22
Number of Tubes		94	94	102	102	130	130	160	160	166	166
Diameter of Tubes	inches	4	4	4	4	4	4	4	4	4	4
Diameter of Drum	"	30	30	30	30	30	30	30	30	36	36
Length of Drum	"	72	72	72	72	72	72	72	72	72	72
Thickness of Plates in inches, for 100 lbs. Working Pressure	Boiler Shell	7/16	7/16	1/2	1/2	1/2	1/2	9/16	9/16	5/8	5/8
	" Heads	9/16	9/16	5/8	5/8	5/8	5/8	3/4	3/4	7/8	7/8
	Drum Shell	5/16	5/16	5/16	5/16	5/16	5/16	5/16	5/16	3/8	3/8
	" Heads	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
Thickness of Plates in inches, for 150 lbs. Working Pressure	Boiler Shell	5/8	5/8	11/16	11/16	3/4	3/4	13/16	13/16	7/8	7/8
	" Heads	3/4	3/4	3/4	3/4	13/16	13/16	7/8	7/8	1	1
	Drum Shell	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	7/16	7/16
	" Heads	9/16	9/16	9/16	9/16	9/16	9/16	9/16	9/16	5/8	5/8
Size of Nozzle connecting Boiler and Drum		16	16	16	16	16	16	16	16	16	16
Size of Steam Outlet	inches	6	6	6	6	8	8	8	8	10	10
Size of Blow off	"	2½	2½	2½	2½	3	3	3	3	3	3
Size of Feed	"	2	2	2	2	2½	2½	2½	2½	2½	2½
Weight of Tubes	pounds	9400	10340	10200	11220	14300	15730	17600	19360	18260	20080
Weight of Boiler less tubes 100 lbs. Working Pressure	pounds	14000	14700	16800	17900	19000	20000	22500	23900	31700	33900
Weight of Boiler less tubes 150 lbs. Working Pressure	pounds	19800	20900	22400	23900	26900	28600	30900	32900	42700	45700

FOR ILLUSTRATION CLASS "C" BOILERS, SEE PAGE 9

STANDARD HORIZONTAL TUBULAR BOILERS



CLASS "D" WITH STEAM DRUM AND DOUBLE NOZZLE CONNECTION

Furnished with pressed steel lugs, either fixed or detachable or with loop hangers and the usual flanged nozzles and re-enforced openings for steam, blow-off and feed. Manholes are provided in shell and head.

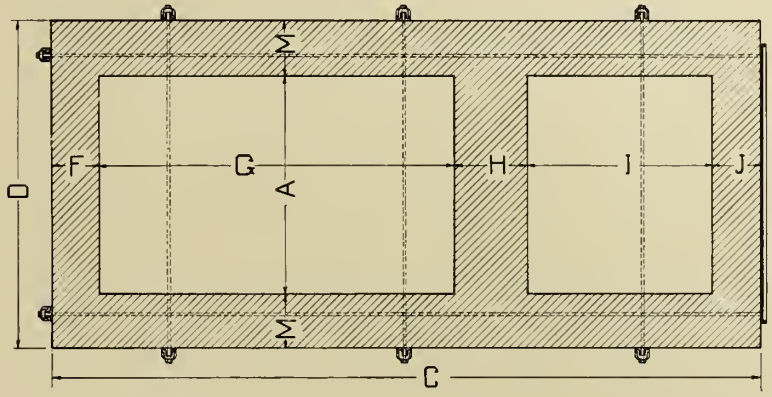
SEE PAGE 12 FOR DETAILED SPECIFICATIONS

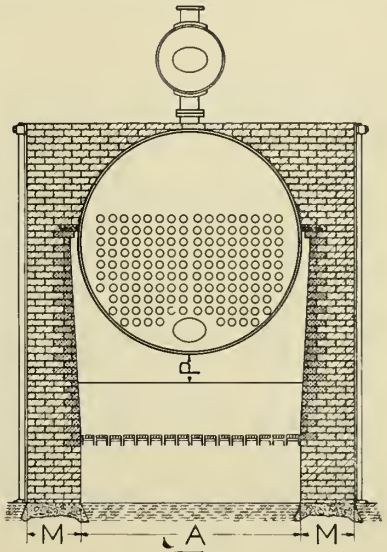
HORIZONTAL TUBULAR BOILERS, CLASS "D" FOR 100 AND 150 LBS. WORKING PRESSURE

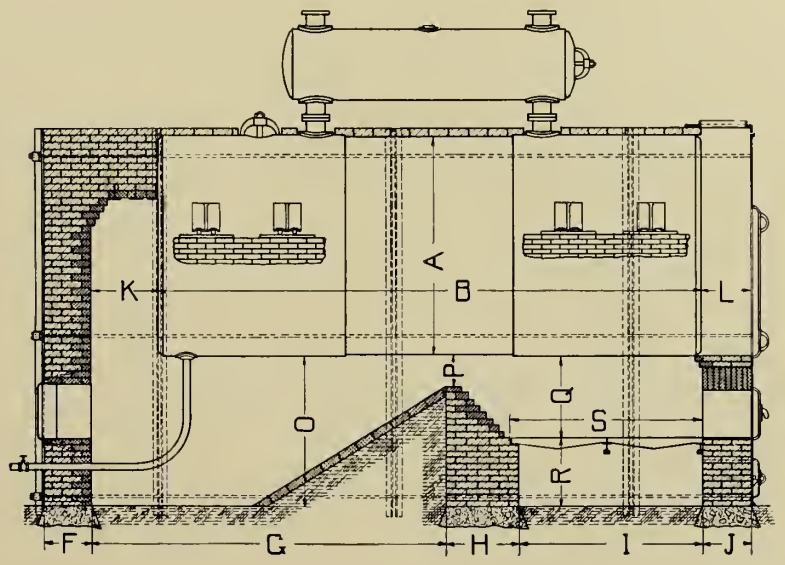
Horse Power, as usually rated		175	200	200	225	275	300	325	350	350	375
Heating Surface	sq. feet	1925	2125	2100	2330	2925	3310	3550	3895	3725	4085
Diameter of Boiler	inches	78	78	84	84	90	90	96	96	108	108
Length of Boiler	feet	18	20	18	20	20	22	20	20	20	22
Number of Tubes		94	94	102	102	130	130	160	160	166	166
Diameter of Tubes	inches	4	4	4	4	4	4	4	4	4	4
Diameter of Drum	"	30	30	30	30	30	30	30	30	36	36
Length of Drum	"	120	120	120	120	120	120	120	120	120	120
Thickness of Plates in inches, for 100 lbs. Working Pressure	Boiler Shell	7/16	7/16	1/2	1/2	1/2	1/2	9/16	9/16	5/8	5/8
	" Heads	9/16	9/16	5/8	5/8	5/8	5/8	3/4	3/4	7/8	7/8
	Drum Shell	5/16	5/16	5/16	5/16	5/16	5/16	5/16	5/16	3/8	3/8
	" Heads	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
Thickness of Plates in inches, for 150 lbs. Working Pressure	Boiler Shell	5/8	5/8	11/16	11/16	3/4	3/4	13/16	13/16	7/8	7/8
	" Heads	3/4	3/4	3/4	3/4	13/16	13/16	7/8	7/8	1	1
	Drum Shell	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	7/16	7/16
	" Heads	9/16	9/16	9/16	9/16	9/16	9/16	9/16	9/16	5/8	5/8
Size of Nozzles between Boiler and Drum	in.	6	6	6	6	8	8	12	12	12	12
Size of Steam Outlet	inches	6	6	6	6	8	8	8	8	10	10
Size of Blow off	"	2½	2½	2½	2½	3	3	3	3	3	3
Size of Feed	"	2	2	2	2	2½	2½	2½	2½	2½	2½
Weight of Tubes	pounds	9400	10340	10200	11220	14300	15730	17600	19360	18260	20080
Weight of Boiler less tubes 100 lbs. Working Pressure	pounds	14000	14800	16900	18000	19000	20000	23000	24400	32400	36000
Weight of Boiler less tubes 150 lbs. Working Pressure	pounds	19900	21100	22500	24000	27000	28700	31700	33600	44600	46500

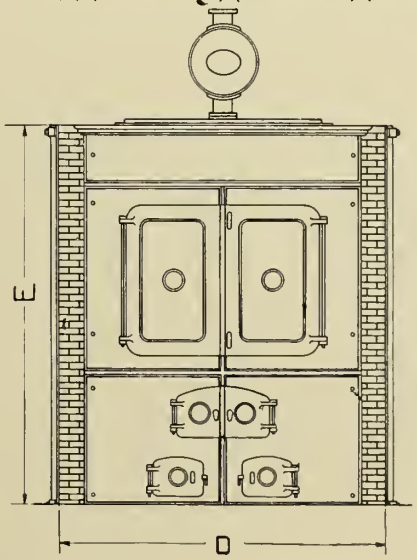
FOR ILLUSTRATION CLASS "D" BOILERS, SEE PAGE 11

SETTING PLAN SHOWING FULL FRONT SINGLE SETTING









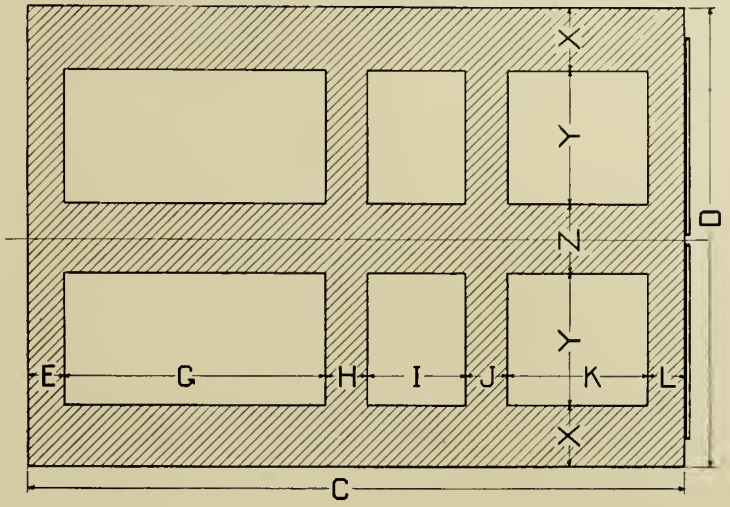
SEE PAGE 14 FOR TABLE OF DIMENSIONS

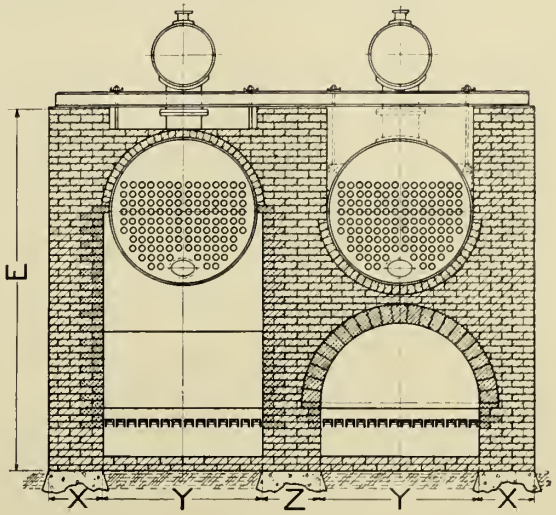
MEASUREMENTS FOR SETTING FULL FRONT HORIZONTAL TUBULAR BOILERS

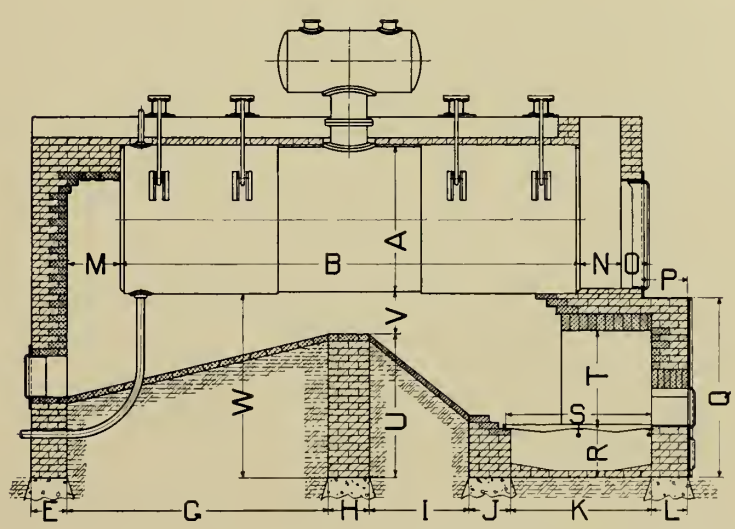
A	B	C	D	E	F	G	H	I	J	K	L	M	O	P	Q	R	S
Inches	Feet	Ft. In.	Ft. In.	Ft. In.	Inches	Ft. In.	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches
78	18	23-11	10-8	12-0	21	11-2	30	81	21	30	20	25	66	16	36	30	84
78	20	25-11	10-8	12-0	21	13-2	30	81	21	30	20	25	66	16	36	30	84
84	18	23-11	11-2	12-6	21	11-2	30	81	21	30	20	25	66	16	36	30	84
84	20	25-11	11-2	12-6	21	13-2	30	81	21	30	20	25	66	16	36	30	84
90	20	26-9	11-8	13-6	21	13-0	30	93	21	36	24	25	72	18	42	30	96
90	22	28-9	11-8	13-6	21	15-0	30	93	21	36	24	25	72	18	42	30	96
96	20	26-9	12-2	14-0	21	13-0	30	93	21	36	24	25	72	18	42	30	96
96	22	28-9	12-2	14-0	21	15-0	30	93	21	36	24	25	72	18	42	30	96

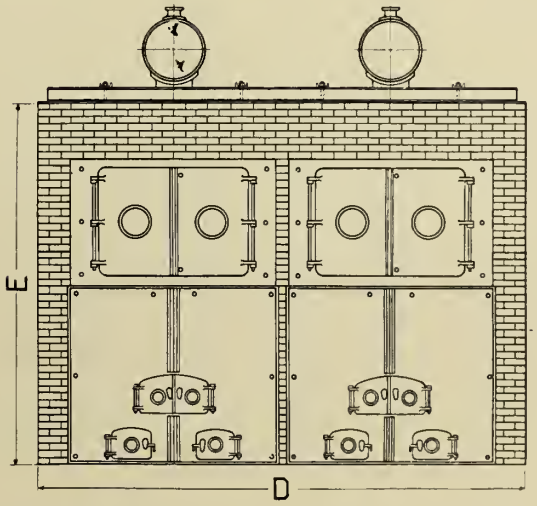
FOR SETTING PLAN AND ELEVATION SEE PAGE 13

SETTING PLAN SHOWING BAGASSE OVEN—FOR BATTERY OF TWO BOILERS









SEE PAGES 16 AND 17 FOR TABLE OF DIMENSIONS

MEASUREMENTS FOR SETTING HORIZONTAL TUBULAR BOILERS WITH BAGASSE OVENS

A TO M

A	B	C	D	E	F	G	H	I	J	K	L	M
Inches	Feet	Ft. In.	Ft. In.	Ft. In.	Inches	Ft. In.	Inches	Inches	Inches	Inches	Inches	Inches
78	18	27-6	13-8	16-2	21	10-6	25	31	25	81	21	30
78	20	29-6	13-8	16-2	21	11-6	25	43	25	81	21	30
84	18	27-6	14-2	16-8	21	10-6	25	31	25	81	21	30
84	20	29-6	14-2	16-8	21	11-6	25	43	25	81	21	30
90	20	30-6	14-8	17-2	21	11-6	25	43	25	93	21	36
90	22	32-6	14-8	17-2	21	12-6	25	55	25	93	21	36
96	20	30-6	15-2	17-8	21	11-6	25	43	25	93	21	36
96	22	32-6	15-2	17-8	22	12-6	25	55	25	93	21	36
108	20	31-0	16-2	18-8	21	11-6	25	37	25	105	21	36
108	22	33-0	16-2	18-8	21	12-6	25	49	25	105	21	36

FOR SETTING PLAN AND ELEVATION SEE PAGE 15

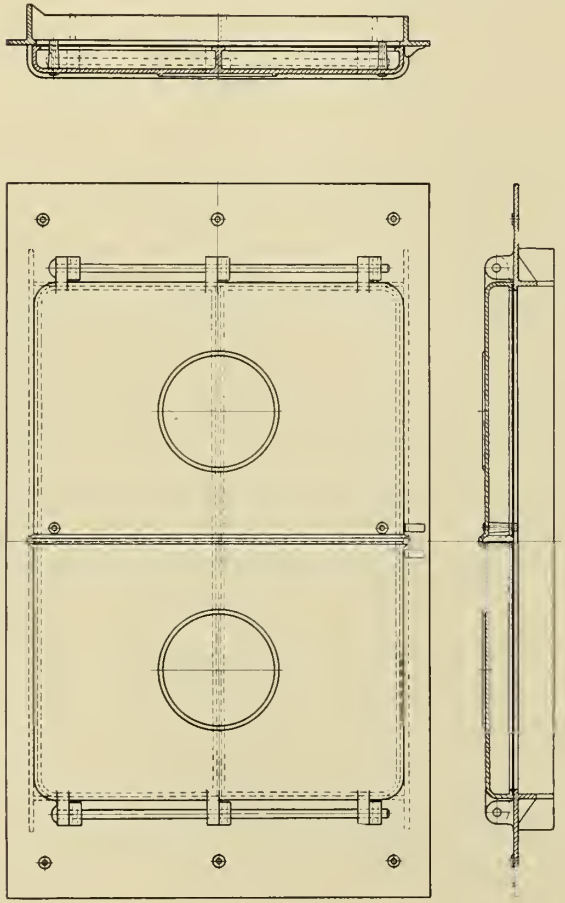
MEASUREMENTS FOR SETTING HORIZONTAL TUBULAR BOILERS WITH BAGASSE OVENS

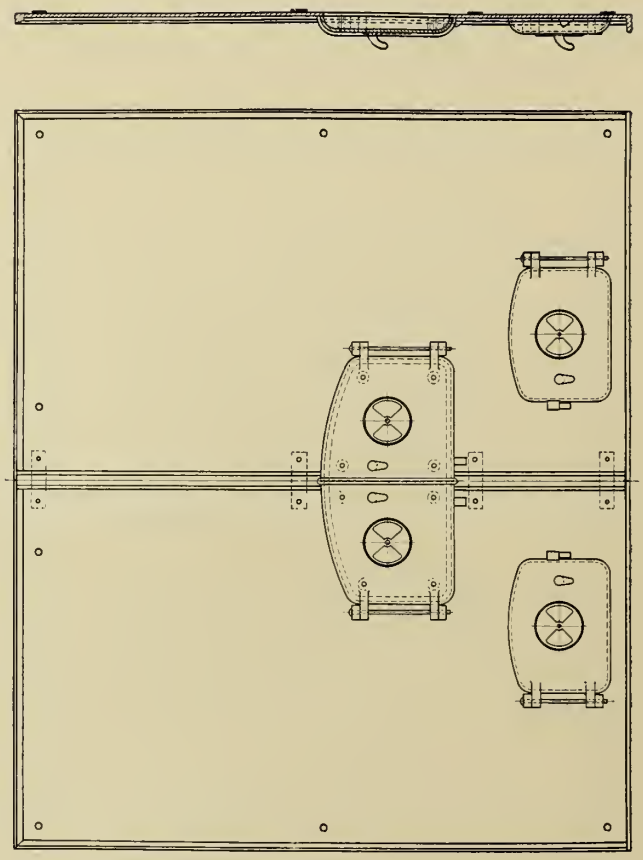
CONTINUED—N TO Z

N	O	P	Q	R	S	T	U	V	W	X	Y	Z
Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches
20	13	30	102	30	84	54	88	16	104	38	84	42
20	13	30	102	30	84	54	88	16	104	38	84	42
20	13	30	102	30	84	54	88	16	104	38	90	42
20	13	30	102	30	84	54	88	16	104	38	90	42
24	13	32	102	30	96	54	86	18	104	38	96	42
24	13	32	102	30	96	54	86	18	104	38	96	42
24	13	32	102	30	96	54	86	18	104	38	102	42
24	13	32	102	30	96	54	86	18	104	38	102	42
24	13	38	102	30	108	54	84	20	104	38	114	42
24	13	38	102	30	108	54	84	20	104	38	114	42

FOR SETTING PLAN AND ELEVATION SEE PAGE 15

FLUE DOOR FRAME AND FIRE FRONT





BAGASSE OVEN SETTING

TYPES OF RIVETED SEAMS

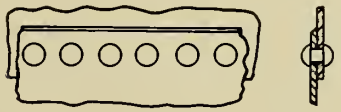


Fig. 1

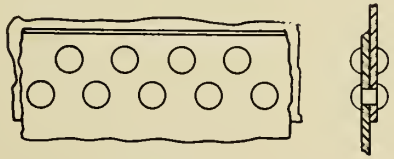


Fig. 2

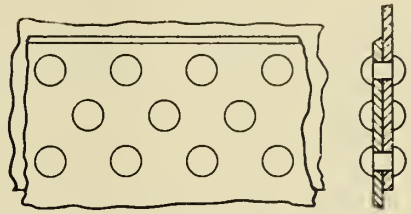


Fig. 3

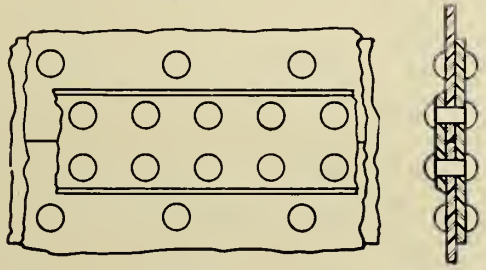
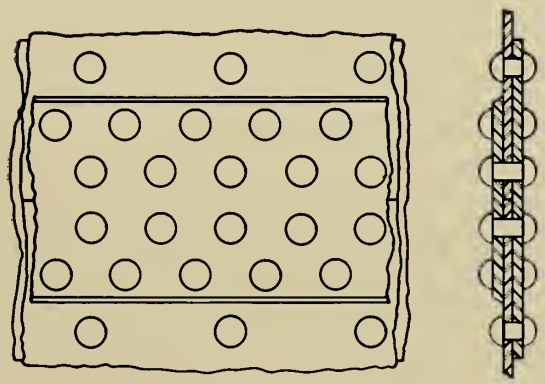


Fig. 4

Fig. 6

Fig. 5



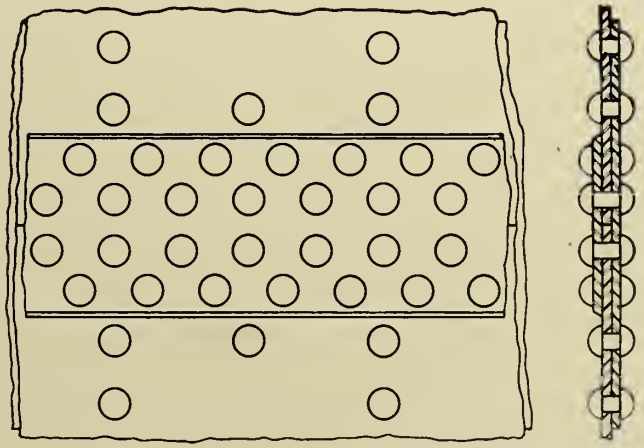


Fig. 1. Single Girth Seams
Fig. 2. Double Riveted Longitudinal Seams
Fig. 3. Triple Riveted Butt Strap
Fig. 4. Double Riveted Butt Strap
Fig. 5. Triple Riveted Butt Strap
Fig. 6. Quadruple Riveted Butt Strap

DETAILS OF BOILER PARTS

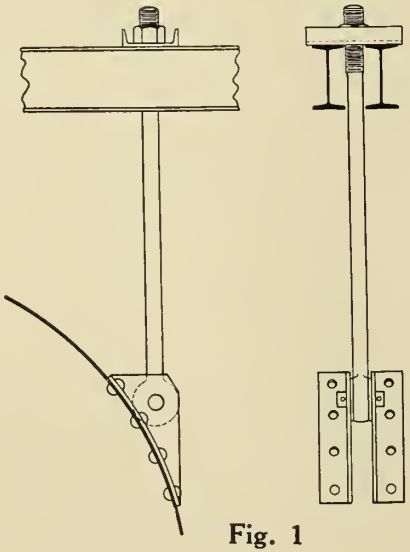


Fig. 1

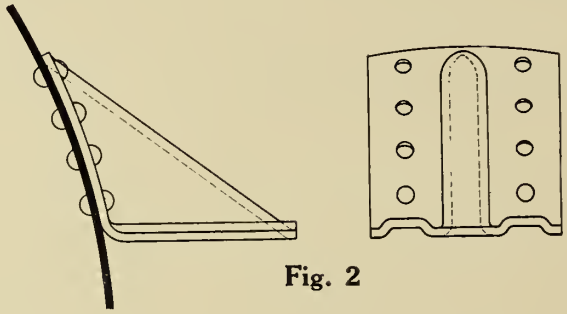


Fig. 2

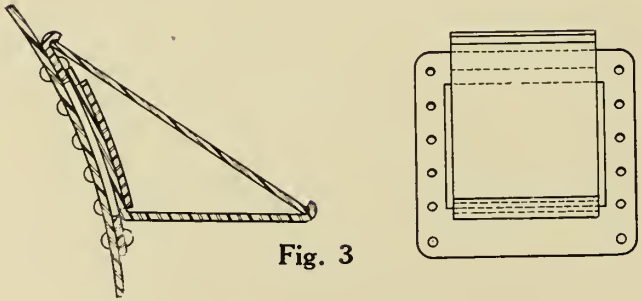


Fig. 3

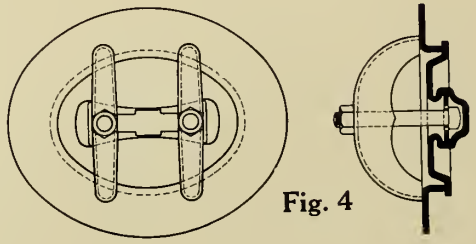


Fig. 4

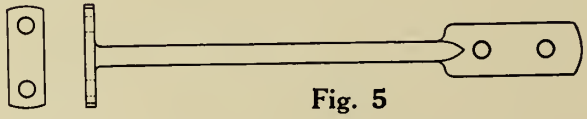


Fig. 5

Fig. 1. Hanger, Braces, Rods and Beams
Fig. 2. Pressed Steel Lugs for Supporting on Walls
Fig. 3. Detachable Steel Lug for Supporting on Walls
Fig. 4. Pressed Steel Manhole Fittings
Fig. 5. Solid Pressed Steel Crowfoot Braces

BOILER BREECHINGS OR SMOKE FLUES

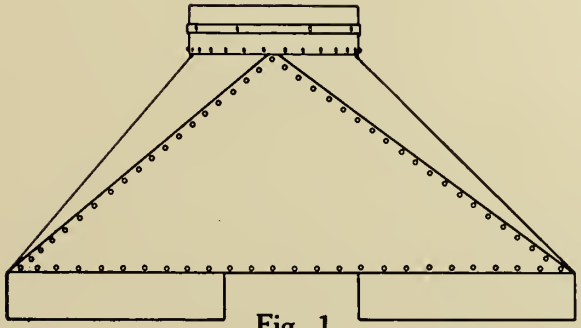


Fig. 1

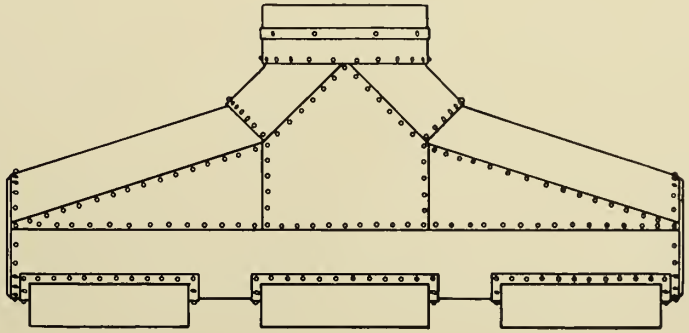


Fig. 2

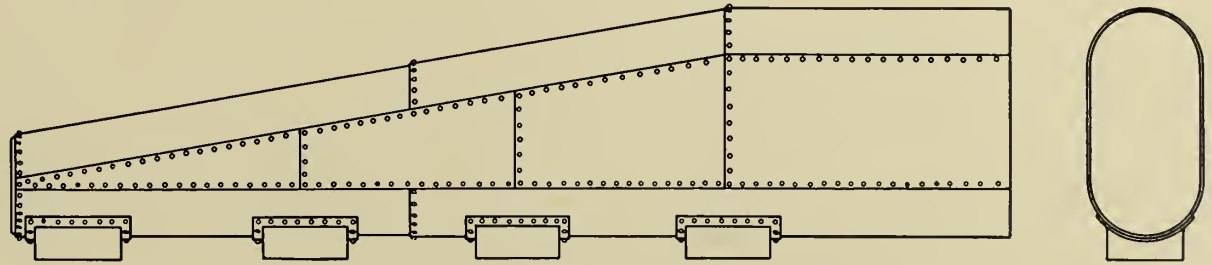


Fig. 3

Fig. 1. For Battery of Two Boilers

Fig. 2. For Battery of Three Boilers

Fig. 3. Long Flue for Two or more Boilers

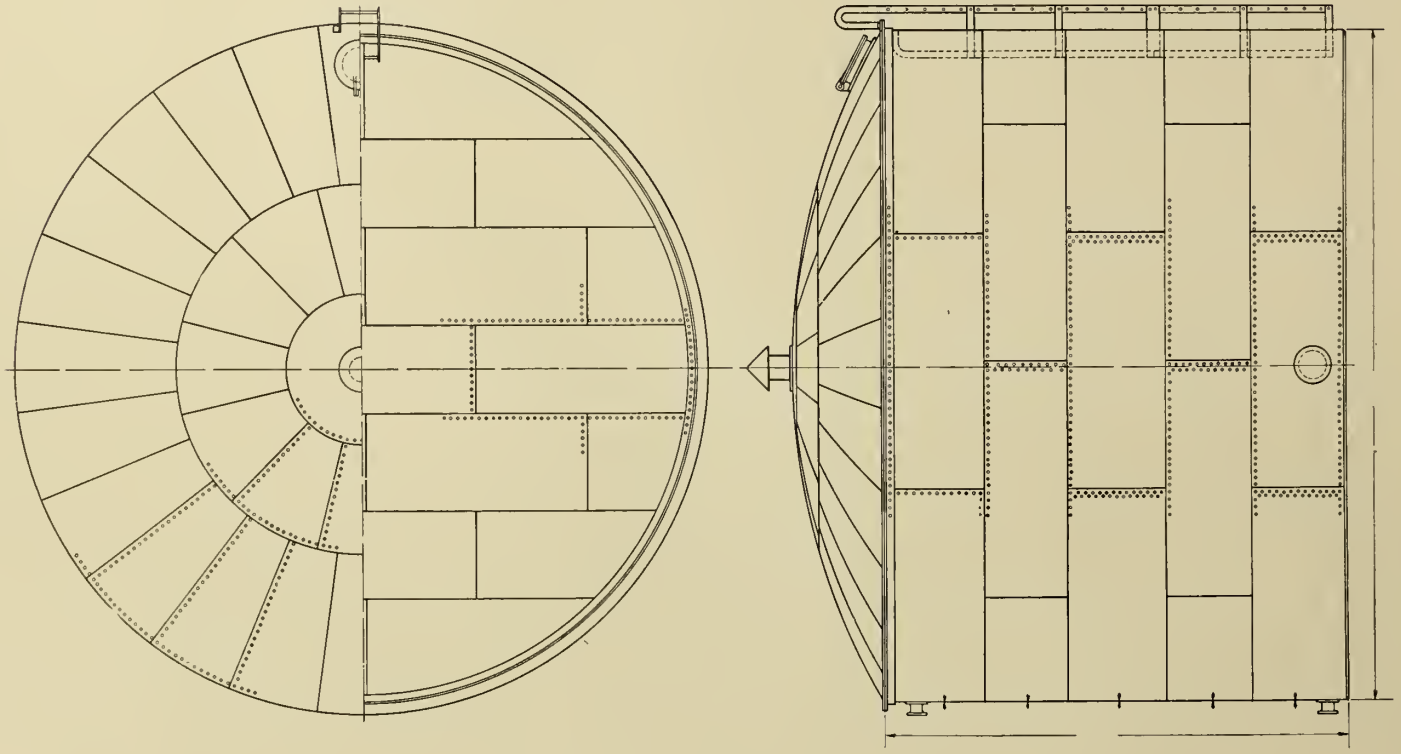
CHIMNEY DATA

Diameter in Inches	Area in Square Feet	Height of Chimney in Feet											
		80	85	90	95	100	105	110	115	120	125	130	135
		Commercial Horse Power of Boiler											
30	4.91	107	110	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
33	5.95	133	137	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
36	7.07	163	168	178	.....	.....	.....	.....	.....	.....	.....	.....	.....
39	8.30	196	202	208	214	.....	.....	.....	.....	.....	.....	.....	.....
42	9.62	231	238	245	251	258	265	271	.....	.....	.....	.....	.....
48	12.57	331	320	330	339	348	356	365	373	381	389	396	.....
54	15.90	.....	415	427	438	449	461	472	482	493	503	513	523
60	19.64	.....	.....	536	551	565	579	593	606	619	632	644	657
66	23.76	.....	.....	.....	676	694	711	728	744	760	776	791	806
72	28.27	.....	.....	.....	.....	835	856	876	896	913	934	952	970
78	33.18	.....	.....	.....	.....	.....	1014	1038	1062	1084	1107	1129	1150
84	38.48	.....	.....	.....	.....	.....	.....	1214	1241	1268	1294	1320	1345
90	44.18	.....	.....	.....	.....	.....	.....	.....	1435	1466	1496	1526	1555
96	50.27	.....	.....	.....	.....	.....	.....	.....	1643	1678	1713	1747	1780
102	56.75	.....	.....	.....	.....	.....	.....	.....	.....	1905	1944	1983	2021
108	63.62	.....	.....	.....	.....	.....	.....	.....	.....	.....	2190	2234	2276
114	70.88	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2499	2547
120	78.54	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2833
132	95.03	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3450
144	113.10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

CHIMNEY DATA

Height of Chimney in Feet													Equivalent Sq. Chimney Side of Square in Inches	Diameter in Inches
140	145	150	155	160	165	170	175	180	185	190	195	200		
Commercial Horse Power of Boiler														
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	27	30
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	30	33
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	32	36
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	35	39
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	38	42
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	43	48
532	542	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	48	54
669	680	692	704	715	.....	.....	.....	.....	.....	.....	.....	.....	54	60
821	835	849	864	877	891	904	918	.....	.....	.....	.....	.....	59	66
988	1006	1023	1040	1056	1073	1089	1105	1120	1136	1151	.....	.....	64	72
1171	1192	1212	1232	1252	1272	1291	1310	1328	1346	1364	1382	1400	70	78
1370	1394	1418	1441	1464	1487	1509	1531	1553	1574	1595	1616	1637	75	84
1584	1612	1639	1666	1693	1719	1745	1771	1795	1820	1845	1869	1893	80	90
1813	1845	1876	1907	1938	1968	1998	2027	2056	2084	2112	2140	2167	86	96
2058	2094	2130	2165	2200	2234	2268	2301	2333	2366	2397	2429	2459	91	102
2318	2359	2399	2439	2478	2516	2554	2592	2928	2664	2700	2736	2771	96	108
2594	2640	2685	2729	2773	2816	2858	2900	2541	2982	3022	3061	3100	101	114
2885	2936	2986	3036	3084	3132	3179	3226	3271	3316	3361	3405	3448	107	120
3514	3576	3637	3697	3756	3815	3872	3929	3984	4039	4093	4147	4200	117	132
4205	4279	4352	4424	4495	4565	4632	4701	4768	4834	4899	4963	5026	128	144

STEEL STORAGE TANKS



BUILDERS AND DESIGNERS OF STEEL PRESSURE AND STORAGE TANKS

For Sugar Factories, Refineries, Cyanide, Railroad and Industrial Purposes, Riveted Steel Pipe, Steel Plate Construction, Chimneys, Penstocks, Flanged or Flanged and Dished Heads.

BOILERS BEING ERECTED AT THE PALMARITO SUGAR CO., PALMARITO DE CAUTO, ORIENTE, CUBA

EASY METHOD OF TRANSPORTATION

By Courtesy of Mr. Antonio Ferré, Ponce, Porto Rico.

TESTIMONIALS

A few of the many **Testimonial Letters** we receive from users of this type of **Multi-Tubular Boilers**

GALBAN & CO.
HAVANA, CUBA

November 15, 1909.

Messrs. John Simmons Co.,
102-110 Centre St.,
New York.

Dear Sirs:

We are highly satisfied with the workmanship and finish of your boilers and we believe that nothing better could be found in Cuba.

With kind regards,

We remain, Yours Truly,

GALBAN & CO.
Per V. SANCHEZ.

SUCCESION de J. SERRALLES
PONCE, PORTO RICO

December 15, 1911.

Messrs. John Simmons Co.,
102 Centre St.,
New York.

Gentlemen:

We are in receipt of your inquiry of the 24th ulto. in regard to the efficiency of the six 8' by 20' multi-tubular boilers, which you sold to us some three or four years back.

We beg to advise you that these boilers have given us the best of satisfaction at all times, and are at present in first class state of preservation.

We thank you for your well wishes for our crop and trust that you will be as successful with your own line of business.

Yours very truly,

SUCCESION de J. SERRALLES.
M. E. REID, Administrator.

PALMARITO SUGAR CO.
PALMARITO DE CAUTO, CUBA

December 22, 1911.

Messrs. John Simmons Co.,
New York.

Dear Sirs:

Accept my thanks for your prompt and square dealings in every respect but especially for the excellent boilers you sent me. They have been very much admired for their solidity, workmanship and reasonable price. You have already had some boiler orders due to the advertisements, ours have given you, and you will have more.

Yours very truly,

PALMARITO SUGAR CO.
A. LIND, Manager.

TESTIMONIALS

A few of the many **Testimonial Letters** we receive from users of this type of **Multi-Tubular Boilers**

FEDERICO ALMEIDA
PALMA SORIANO, ORIENTE
CUBA, W. I.

March 9, '12.

Messrs. John Simmons Co.,
New York.

My dear Sirs:

I have the pleasure of stating to you that the two multi-tubular boilers which I purchased from you through the medium of Mr. Aguero, have given me excellent results, and I recommend them as the best which are known at the present time.

I authorize you to give publicity to the present letter, I remaining always willing to make these facts known to whoever may be interested in same.

I remain, your most obedient servant,

FEDERICO ALMEIDA.

MANUEL GALDO
CARDENAS, CUBA

November 29, '11.

Messrs. John Simmons Co.,
110 Centre St., New York.

Dear sirs and friends:

It pleases me to send you my testimony regarding the efficiency of the boilers I purchased from you, not only by their careful workmanship, but also the very excellent qualities of the material which you have always integrated.

I am therefore pleased to send you this letter, so you can make use of same as you deem convenient.

While I remain, as ever,

Your friend,

MANUEL GALDO.

FERRE & MERSON
PONCE, P. R.

December 11, '11.

Messrs. John Simmons Co.,
New York, N. Y.

Dear Sirs:

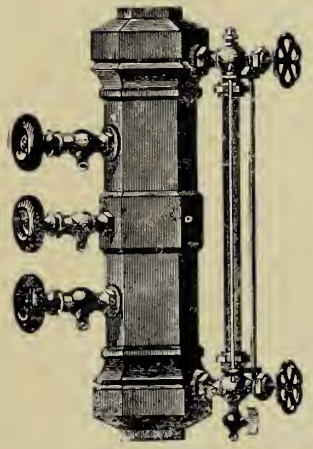
Replying to your letter of the 24th inst., in which you ask our opinion of the Multitubular Boilers that you manufacture, we are much pleased in being able to say that the material of which they were constructed as well as the construction itself, is first class, and we have no hesitancy in recommending them as first-class Boilers.

We remain,

Yours truly,

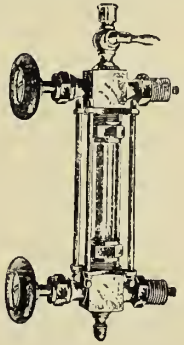
ANTONIO FERRÉ.

BOILER FIXTURES AND STEAM SPECIALTIES



Water Column

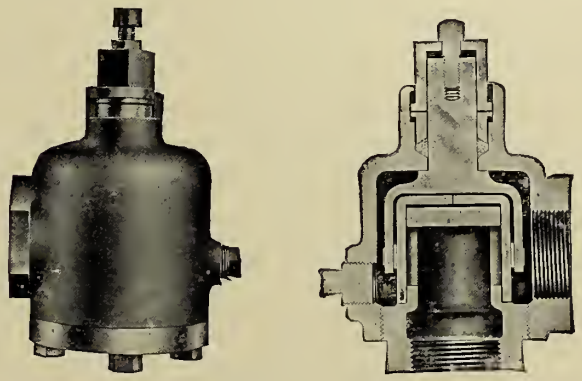
Pressure Gauge



Water Gauge

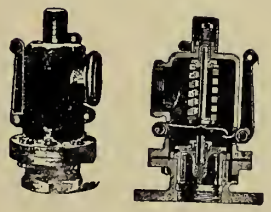
Water Alarm

Globe Valve

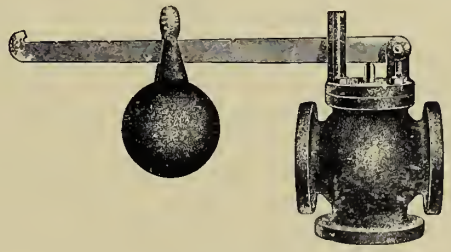


Rothchild Blow-off Valve

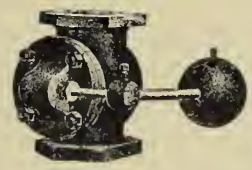
Gate Valve



Pop Safety Valve



Safety Valve



Back Pressure Valve

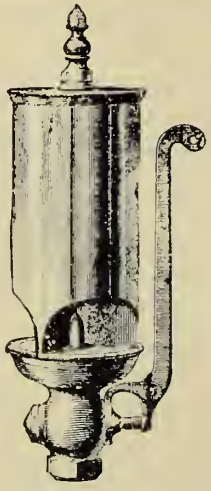
BOILER TUBES AND SPECIALTIES

Standard Boiler Tubes.
LAP-WELDED.

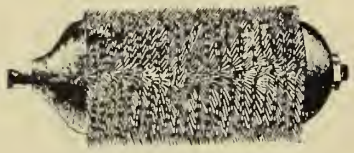
Metropolitan Injector

Gauge Cock

Spiral Wire Flue Brush

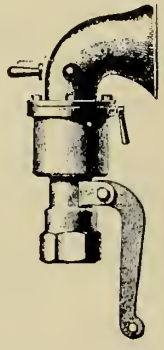

Steam Whistle

Elliptic Tube Cleaner

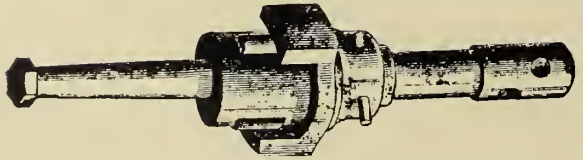

Worcester Flue Brush

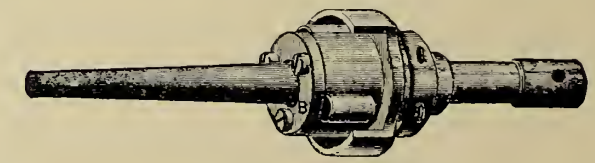
Coil Tube Cleaner

Boiler Tube Scraper


Steam Siren

Engineers Flue Cleaner


Roller Tube Expander



Dudgeon Tube Expander

3 0112 059070893